

Amendments of the Specification

Please replace Paragraph [0037] with the following re-presented Paragraph [0037]*:

[0037] The immediately preceding table also illustrates the modified one-hot encoding described above, with only one of the SEL_n control inputs hot at any one time, with the SEL_{ODD/EVEN} control input assuming either state. Note that for odd N, the output will be undefined for one set of control input states. Although only one of the SEL_n control inputs has been described as "hot," it will be appreciated that that does not mean that that input will be "high" in the sense of a positive voltage (e.g., +5V in a TTL system). Nor does it mean that only one signal will be TTL "high." Rather, the reference is to a logically hot signal. Thus, if SEL₂ were replaced by nSEL₂, the situation would be as follows:

SEL ₄	SEL ₃	nSEL ₂	SEL ₁	SEL _{ODD/EVEN}	OUTPUT
0	0	1	1	0	D ₀
				1	D ₁
0	0	0	0	0	D ₂
				1	D ₃
0	1	1	0	0	D ₄
				1	D ₅
1	0	1	0	0	D ₆
				1	D ₇

with no change in result. Although two of the SEL_n inputs would be TTL "high," only one is considered "hot" within the meaning of this invention.

* No actual changes have been made in Paragraph [0037]. See the discussion on pages 4-5 for an explanation of this "amendment."